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Mail Stop ISSUE FEE	USPTO	(571) 273-8300	
Date	Client/Matter Number	RECEIVED CENTRAL FAX CENTER JUL 25 2005	
July 25, 2005	211843-00022		
From	Attorney Number		
John S. Paniaguas	32347		
Phone	Fax		
312.902.5312	312.577.4532		
Total number of pages, including cover letter: 9 pages If you do not receive all of the pages, please call: 312.902.5312			

Re: Parent Application No.: 10/748,078

Please find attached:

Amendment Under 37 CFR 1.312 (3 pp.)
Copy of Transmittal Letter (5 pp.)

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CONTINUING PATENT APPLICATION TRANSMITTAL
 (for Continuing Applications
 under 37 C.F.R. §1.53(b))

Attorney Docket No. 211843/00022

Total Pages:

First Named Inventor or

Application Identifier: Horsky

MAIL STOP PATENT APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

This is a request under 37 C.F.R.
 §1.53(b) for filing a:

☒ Continuation application,

☐ Divisional application,

☐ Continuation-in-Part application,

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

☐ "Express Mail" Mailing Label Number

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☐ Date of Deposit December 30, 2003

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 Addressee" Service under 37 CFR §1.10 on the date
 indicated above and is addressed to the Mail Stop Patent
 Application, Commissioner of Patent and Trademarks,
 P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

☐ Maria F. Smith - F.1.125
 (Typed or printed name of person mailing)

☐ Thomas Horsky - F.1.125
 (Signature of person mailing)

of pending prior application number 10/183,768,

filed on June 26, 2002 of Thomas Horsky for Electron Impact Ion Source.

1. ☒ This is a continuation or divisional application. Enclosed is a copy of the prior application as originally filed, including specification, claims, drawings, and oath or declaration.

- or -

- ☐ Enclosed is a patent application (for continuation, divisional, or continuation-in-part applications) containing:

☐ _____ pages of the specification (including claims).

☐ _____ sheets of drawings ☐ Formal ☐ Informal.

2. ☒ Amend the specification by inserting before the first line the sentence: -This is a [X] continuation, [] division, [] continuation-in-part, of prior application number 10/183,768, filed June 26, 2002, which is hereby incorporated herein by reference in its entirety.- The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under

paragraph 3 below, is considered as being part of the disclosure of the accompanying application, and is hereby incorporated by reference therein.

3. (X) A copy of the executed oath or declaration filed in the prior nonprovisional application is enclosed.
4. () Inventorship:
 - () A newly-executed oath or declaration and power of attorney is enclosed (for continuation-in-part applications, or for continuation or divisional applications naming an inventor not named in the prior application) (§1.63(a), (d)(5) and (e)).
 - () Because this application is being filed by fewer than all of the inventors named in the prior application, delete the following inventor(s) named in the prior nonprovisional application (37 C.F.R. §1.63(d)(1)(2)): _____.
 - () The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted oath or declaration and power of attorney (§1.41(a) and §1.53(b)).
5. () Assignment(s) of the invention to, _____ and cover sheet are enclosed.
 - () A check in the amount of \$_____ to cover the fee for recording the assignment(s) is enclosed.
6. (X) The prior application is assigned of record to SemEquip, Inc.
7. (X) Small Entry Status (37 C.F.R. §1.28(a)(2)) is claimed.
8. () A 37 C.F.R. §3.73(b) statement is enclosed (where an assignee seeks to take action in a matter before the Patent Office).
9. () A preliminary amendment is enclosed.
10. (X) Drawings:
 - () Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May be used only if signed by person authorized by §1.138 and before payment of base issue fee.)
 - (X) New formal drawings are enclosed.
 - () Informal drawings are enclosed.
11. () A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R.

§1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.

12. (X) An Information Disclosure Statement is enclosed.
- (X) A Form PTO-1449 is enclosed.
- (X) 2 References (copies) other than the U.S. patents and published U.S. patent applications listed on the Form PTO-1449 are enclosed.
13. () A MicroFiche Computer Program (Appendix) is enclosed.
14. (X) A Return Receipt Postcard is enclosed (MPEP §503).
15. () A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
- () A Computer Readable Copy is enclosed.
- () A Paper Copy (Identical to Computer Copy) is enclosed.
- () A Statement Verifying Identity of above Copies is enclosed.
16. () Priority of application number _____ filed on _____ in _____ is claimed under 35 U.S.C. §119.
- () The certified copy of the priority document has been filed in prior application number / _____, filed _____.
- () A certified copy of the priority document is enclosed.
17. (X) Power of Attorney:
- (X) The power of attorney in the prior application is to:
John S. Paniaguas Reg. No. 31,051,
KATTEN MUCHIN ZAVIS ROSENMAN
525 West Monroe Street, Suite 1600
Chicago, Illinois 60661-3693
and other members of the firm.
- (X) The power appears in the original papers in the prior application.
- () Since the power does not appear in the original papers in the prior application, a copy of the power in the prior application is enclosed.
18. (X) Cancel in this application original claims 4-9 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

19. (X) The filing fee is calculated below:

(a) Basic Fee						\$770.00
(b) Independent Claims	1	-	3=	x	\$84.00 =	\$- 0
(c) Total Claims	4	-	20=	x	\$18.00 =	\$ 0
(d) Fee for Multiple Dependent Claims					\$280.00 =	\$-0-
Total Filing Fee						\$770.00
Reduction by 50% for Filing Small Entity						\$385.00
Total						\$385.00

20. (X) Check(s) in the amount of \$385.00 are enclosed.

21. (X) The Commissioner is hereby authorized to charge any fees which may be required under 37 C.F.R. §§1.16 and 1.17 and are not paid herewith, or credit any overpayment, to Deposit Account Number 50-1214. A duplicate copy of this request is enclosed.

22. () The payment of the Filing Fee is to be deferred. Do not charge our Deposit Account.

23. (X) Also enclosed: **Response to Notice to File Missing Parts and Executed Declaration.**

24. (X) Address all future communications to:

Patent Administrator
Katten Muchin Zavis Rosenman
525 West Monroe Street
Suite 1600
Chicago, Illinois 60661-3693
Telephone: (312) 902-5200
Facsimile: (312) 902-1061

December 30, 2003

(Date)



John S. Paniaguas

Registration No. 31,051

(X) Attorney or agent of record

() Filed under §1.34(a)